

Atty Ref. No: S0002-US02

Amendments to the Abstract

Please replace the Abstract with the following amended Abstract.

A water supply sub-system for connection to a main water supply system includes a storage tank having an inlet with a flow control valve for connection to the main water supply system. An outlet line connects the storage tank to a pump that pumps water from the tank to a sub-system supply line. One or more branch connections may connect the sub-system supply line to high-demand water using devices, such as dialyzer re-use machines. The supply line may be a feedback loop and a spray head in the tank to spray inlet or re-circulated feedback water into the storage tank. A shunt feedback loop parallel to the feedback loop of the supply line has a pressure control valve that regulates pressure in the supply line feedback loop. An ultrafiltration device may also be included to ensure the purity of the water circulating through the sub-system.